

IN THE CLAIMS:

Following are the current claims. For the claims that have **NOT** been amended in this response, any differences in the claims below and the current state of the claims is unintentional and in the nature of a typographical error:

1. (Currently Amended) A method for automatically generating a plurality of metamodel system files using a set of metamodel requirements derived from a metamodel system, comprising the steps of:

 capturing from said metamodel system a set of metamodel requirements;

 saving said captured set of metamodel requirements in at least one requirements spreadsheet;

 opening said at least one requirements spreadsheet for making accessible said captured set of metamodel requirements;

 generating at least one each of an object type mark-up language spreadsheet, a relationship type mark-up language spreadsheet, and a symbol type mark-up language spreadsheet by applying a predetermined set of generation instructions to said at least one requirements spreadsheet;

 generating from said ~~specified~~ object type mark-up language spreadsheet ~~file~~, relationship type mark-up language spreadsheet, and symbol ~~XML~~ type mark-up language spreadsheet a plurality of metamodel type files.

2. (Currently Amended) The method of Claim 1, further comprising the step of presenting said generated ~~metamodel~~ mark-up language ~~files~~ spreadsheets in real-time for dynamically reviewing and revising said at least one of said object type mark-up language spreadsheet, said relationship type mark-up language spreadsheet and said symbol type mark-up language spreadsheet.

3. (Original) The method of Claim 1, further comprising the step of opening said at least one requirements spreadsheet in a batch process.

4. (Original) The method of Claim 1, further comprising the step of presenting in said at least one each of an object type mark-up language spreadsheet a tabular form of a selected set of metamodel components.

5. (Original) The method of Claim 1, further comprising the step of generating said at least one object type mark-up language spreadsheet, said relationship type mark-up language spreadsheet, and said symbol type mark-up language spreadsheet from said at least one requirements spreadsheet using a plurality of embedded spreadsheet formulas.

6. (Original) The method of Claim 1, further comprising the step of generating said at least one object type mark-up language spreadsheet, relationship type mark-up language spreadsheet, and symbol type mark-up language spreadsheet from said at least one requirements spreadsheet using a plurality of Visual Basic generation instructions.

7. (Original) The method of Claim 1, further comprising the step of generating a graphical representation of said capturing step.

8. (Currently Amended) The method of Claim 1, further comprising the step of generating a graphical representation of said step of generating at least one each of an object type mark-up language ~~file~~ spreadsheet, a relationship type mark-up language spreadsheet file, and a symbol ~~XML~~ type mark-up language spreadsheet file by applying a predetermined set of macros to said at least one ~~spreadsheet;~~ spreadsheet.

9. (Currently Amended) The method of Claim 1, further comprising the step of generating a graphical representation of said step of generating at least one each of an object type ~~file~~ mark-up language spreadsheet, a relationship type ~~file~~ mark-up language spreadsheet, and a symbol type ~~file~~ mark-up language spreadsheet by applying a predetermined set of macros to said at least one requirements spreadsheet.

10. (Currently Amended) A computer system for automatically generating a plurality of metamodel system files using a set of metamodel requirements derived from a metamodel system, comprising ~~the steps of~~:

a processor; and

a computer-readable media storing computer-executable instructions including

instructions for capturing from said metamodel system a set of metamodel requirements;

instructions for saving said captured set of metamodel requirements in at least one requirements spreadsheet;

instructions for opening said at least one requirements spreadsheet for making accessible said captured set of metamodel requirements;

instructions for generating at least one each of an object type mark-up language spreadsheet, a relationship type mark-up language spreadsheet, and a symbol type mark-up language spreadsheet by applying a predetermined set of macros to said at least one requirements spreadsheet;

instructions for generating from said ~~specified~~ object type mark-up language spreadsheet, relationship type mark-up language spreadsheet, and symbol type mark-up language spreadsheet a plurality of metamodel mark-up language files.

11. (Currently Amended) The system of Claim 10, further comprising instructions for presenting said generated ~~metamodel~~ mark-up language ~~files~~ spreadsheets in real-time for dynamically reviewing and revising at least one of said object type mark-up language spreadsheet, said relationship type mark-up language spreadsheet and said symbol type mark-up language spreadsheet.

12. (Original) The system of Claim 10, further comprising instructions for opening said at least one requirements spreadsheet in a batch process.

13. (Original) The system of Claim 10, further comprising instructions for presenting, in said at least one each of an object type mark-up language spreadsheet a tabular form of a selected set of metamodel components.

14. (Original) The system of Claim 10, further comprising instructions for generating said at least one object type mark-up language spreadsheet, a relationship type mark-up language spreadsheet, and a symbol type mark-up language spreadsheet from said at least one requirements spreadsheet using a plurality of embedded spreadsheet formulas.

15. (Currently Amended) The system of Claim 10, further comprising instructions for generating said at least one each of an object type ~~file~~ mark-up language spreadsheet, a relationship type ~~file~~ mark-up language spreadsheet, and a symbol XML ~~file~~ type mark-up language spreadsheet from said at least one requirements spreadsheet using a plurality of Visual Basic generation instructions.

16. (Original) The system of Claim 10, further comprising instructions for generating a graphical representation of said capturing instructions.

17. (Currently Amended) The system of Claim 10, further comprising instructions for generating a graphical representation of generating at least one each of an object type mark-up language spreadsheet, a relationship type mark-up language spreadsheet, and a symbol type mark-up language spreadsheet by applying a predetermined set of macros to said at least one requirements ~~spreadsheet;~~ spreadsheet.

18. (Currently Amended) A computer-readable storage medium for a computer system comprising:

computer-executable instructions for an automated metamodel system file generation system for generating a plurality of metamodel system files, said automated metamodel system file generation system comprising:

computer-executable instructions for capturing from said metamodel system a set of metamodel requirements;

computer-executable instructions for saving said captured set of metamodel requirements in at least one requirements spreadsheet;

computer-executable instructions for opening said at least one requirements spreadsheet for making accessible said captured set of metamodel requirements;

computer-executable instructions for generating at least one each of an object type mark-up language spreadsheet, a relationship type mark-up language spreadsheet, and a symbol type mark-up language spreadsheet by applying a predetermined set of macros to said at least one requirements spreadsheet;

computer-executable instructions for generating from said specified object type mark-up language spreadsheet, relationship type mark-up language spreadsheet, and symbol type mark-up language spreadsheet a plurality of metamodel mark-up language files.

19. (Original) The storage medium of Claim 18, wherein said storage medium comprises a plurality of individual associated storage device media.